

CBB21 Metallized polypropylene film Capacitors



Structure:

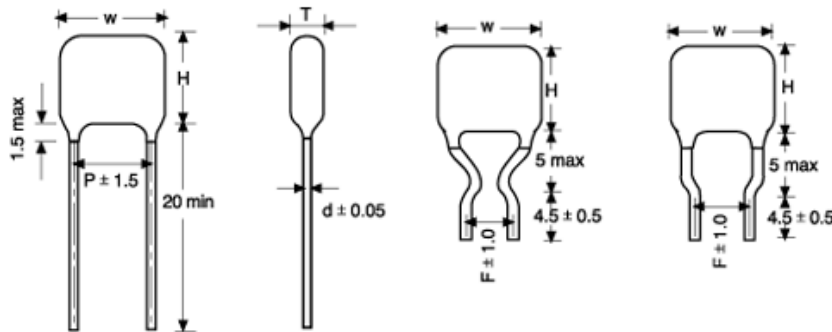
CBB21 are non-inductively wound with metallized polypropylene film as dielectric/electrode with copper-clad steel leads and epoxy resin coating.

Features:

- ◆ Very low loss at high frequency
- ◆ Small inherent temperature rise
- ◆ High insulation resistance, excellent self-healing property and long life
- ◆ Widely used in high frequency, DC ,AC ,pulse circuits and s-correction circuits.

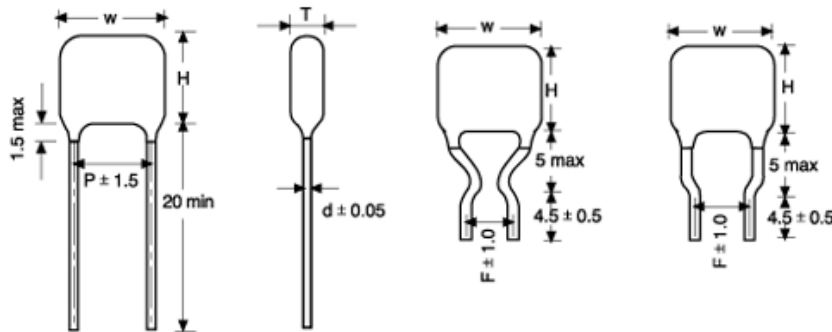
Technical Specifications:

- ◆ Reference Standard: GB10190 (IEC60384-16)
- ◆ Climatic Category: 40/85/21
- ◆ Rated Voltage: 250V, 400V, 630V
- ◆ Capacitance Range: 0.0047 ~ 4.7 μ F
- ◆ Capacitance Tolerance: \pm 5% (J) ; \pm 10% (K)
- ◆ Voltage Proof: 1.6UR (2S)
- ◆ Dissipation Factor: \leq 0.002 (20 , 1 KHz)
- ◆ Insulation Resistance:
 - Ur > 100V, Cr \leq 0.33 μ F, \geq 100000M OHM (1 Class) (20 , 1 min)
 \geq 25000M OHM (2 Class) (20 , 1 min)
 - Cr > 0.33 μ F, \geq 30000S (1 Class) (20 , 1 min)
 \geq 7500S (2 Class) (20 , 1 min)
 - Ur \leq 100V, Cr \leq 0.33 μ F, \geq 50000M OHM (1 Class) (20 , 1 min)
 \geq 12500M OHM (2 Class) (20 , 1 min)
 - Cr > 0.33 μ F, \geq 15000S (1 Class) (20 , 1 min)
 \geq 3750S (2 Class) (20 , 1 min)



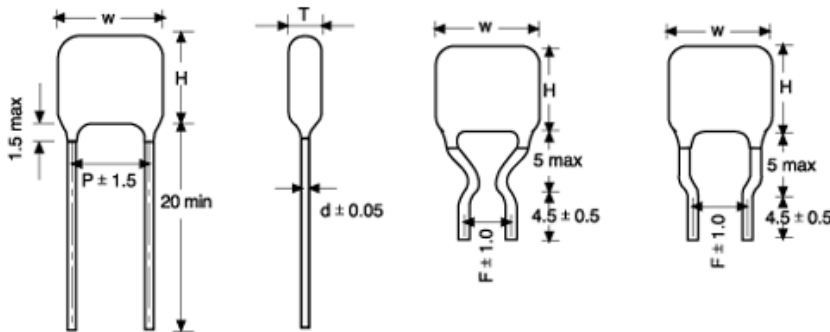
Dimensions: (mm)

μF	250VDC					μF	250VDC				
	W	H	T	P	d		W	H	T	P	d
0.0047	13.0	9.0	4.0	10.0	0.6	0.15	18.0	11.0	6.0	15.0	0.8
0.0056	13.0	8.5	4.0	10.0	0.6	0.18	18.0	12.0	6.5	15.0	0.8
0.0068	13.0	8.5	4.0	10.0	0.6	0.22	18.0	11.5	6.0	15.0	0.8
0.0082	13.0	9.5	4.0	10.0	0.6	0.27	18.0	13.0	6.0	15.0	0.8
0.01	13.0	10.0	4.5	10.0	0.6	0.33	18.0	13.5	7.0	15.0	0.8
0.012	13.0	10.0	4.5	10.0	0.6	0.39	18.0	14.5	7.5	15.0	0.8
0.015	13.0	10.0	4.5	10.0	0.6	0.47	24.0	14.0	7.0	20.0	0.8
0.018	13.0	10.0	4.5	10.0	0.6	0.56	24.0	14.5	7.5	20.0	0.8
0.022	13.0	10.0	5.0	10.0	0.6	0.68	24.0	15.0	8.5	20.0	0.8
0.027	13.0	10.5	5.0	10.0	0.6	0.82	24.0	16.0	9.0	20.0	0.8
0.033	13.0	10.5	5.5	10.0	0.6	1.0	24.0	17.0	10.0	20.0	0.8
0.039	13.0	10.5	5.0	10.0	0.6	1.2	24.0	19.0	10.5	20.0	0.8
0.047	13.0	10.5	5.0	10.0	0.6	1.5	24.0	20.5	12.0	20.0	0.8
0.056	13.0	10.5	5.0	10.0	0.6	1.8	30.0	19.5	11.0	26.0	0.8
0.068	13.0	11.0	5.5	10.0	0.6	2.2	30.0	21.0	12.5	26.0	0.8
0.082	13.0	11.5	6.5	10.0	0.6	3.3	36.0	23.0	13.0	31.0	0.8
0.1	13.0	12.0	7.0	10.0	0.6	4.7	36.0	26.0	16.0	31.0	0.8



Dimensions: (mm)

μF	400VDC					μF	400VDC				
	W	H	T	P	d		W	H	T	P	d
0.0047	13.0	8.5	4.0	10.0	0.6	0.15	18.0	11.0	6.0	15.0	0.8
0.0056	13.0	8.5	4.0	10.0	0.6	0.18	18.0	11.5	6.5	15.0	0.8
0.0068	13.0	8.5	4.0	10.0	0.6	0.22	18.0	13.5	7.0	15.0	0.8
0.0082	13.0	9.5	4.0	10.0	0.6	0.27	18.0	14.5	7.5	15.0	0.8
0.01	13.0	10.0	4.5	10.0	0.6	0.33	18.0	15.0	8.5	15.0	0.8
0.012	13.0	10.0	4.5	10.0	0.6	0.39	18.0	15.5	9.0	15.0	0.8
0.015	13.0	10.0	4.5	10.0	0.6	0.47	24.0	15.0	8.5	20.0	0.8
0.018	13.0	10.0	5.0	10.0	0.6	0.56	24.0	15.5	9.0	20.0	0.8
0.022	13.0	10.0	5.0	10.0	0.6	0.68	24.0	17.0	10.5	20.0	0.8
0.027	13.0	10.5	5.0	10.0	0.6	0.82	24.0	18.5	10.5	20.0	0.8
0.033	13.0	10.5	5.5	10.0	0.6	1.0	24.0	19.5	11.5	20.0	0.8
0.039	13.0	10.5	5.0	10.0	0.6	1.2	24.0	20.5	12.5	20.0	0.8
0.047	13.0	10.5	5.0	10.0	0.6	1.5	30.0	21.0	12.5	26.0	0.8
0.056	13.0	10.5	5.0	10.0	0.6	1.8	30.0	22.0	13.5	26.0	0.8
0.068	13.0	11.0	5.5	10.0	0.6	2.2	36.0	22.0	13.5	31.0	0.8
0.082	13.0	11.5	6.5	10.0	0.8	3.3	36.0	25.0	15.5	31.0	0.8
0.1	13.0	12.0	7.0	10.0	0.8	4.7	36.0	27.5	17.5	31.0	0.8



Dimensions: (mm)

μF	630VDC					μF	630VDC				
	W	H	T	P	d		W	H	T	P	d
0.0047	13.0	8.5	4.0	10.0	0.6	0.15	18.0	14.0	7.5	15.0	0.8
0.0056	13.0	8.5	4.0	10.0	0.6	0.18	18.0	15.5	8.5	15.0	0.8
0.0068	13.0	8.5	4.0	10.0	0.6	0.22	24.0	14.0	7.5	20.0	0.8
0.0082	13.0	9.5	4.0	10.0	0.6	0.27	24.0	15.5	8.5	20.0	0.8
0.01	13.0	10.0	4.5	10.0	0.6	0.33	24.0	16.0	9.0	20.0	0.8
0.012	13.0	10.0	4.5	10.0	0.6	0.39	24.0	17.0	9.5	20.0	0.8
0.015	13.0	10.0	4.5	10.0	0.6	0.47	24.0	18.5	10.5	20.0	0.8
0.018	13.0	10.0	5.0	10.0	0.6	0.56	24.0	19.5	11.0	20.0	0.8
0.022	13.0	10.0	5.0	10.0	0.6	0.68	24.0	20.5	12.5	20.0	0.8
0.027	13.0	10.5	5.0	10.0	0.6	0.82	24.0	22.0	13.5	20.0	0.8
0.033	13.0	10.5	5.5	10.0	0.8	1.0	30.0	22.5	14.0	20.0	0.8
0.039	13.0	11.5	6.0	10.0	0.8	1.2	30.0	23.0	14.5	20.0	0.8
0.047	13.0	12.0	6.5	10.0	0.8	1.5	36.0	23.5	15.0	31.0	0.8
0.056	13.0	12.5	7.0	10.0	0.8	1.8	36.0	24.0	16.0	31.0	0.8
0.068	18.0	11.0	6.0	15.0	0.8	2.2	36.0	28.0	17.5	31.0	0.8
0.082	18.0	12.5	6.0	15.0	0.8	3.3	36.0	32.0	22.0	31.0	0.8
0.1	18.0	13.0	6.5	15.0	0.8	4.7	46.0	32.5	22.5	41.0	0.8

Note: Capacitors of special specifications are made according to customer 's need.